

**USE OF ADDITIVES IN COMPOUNDS CONTAINING MACROCYCLIC
POLY(ALKYLENE DICARBOXYLATE) OLIGOMERS**

Abstract

5 A thermoplastic compound is disclosed comprising a macrocyclic
poly(alkylene dicarboxylate) oligomer and an effective amount of a property-
modifying additive selected from the group consisting of a thermal conductivity
additive, an electrical conductivity additive, a sound dampening additive, an
ionizing-radiation-opacity additive, an atomic-particle-moderating additive, and
10 combinations thereof. Preferred macrocyclic poly(alkylene dicarboxylate)
oligomers are cyclic polybutylene terephthalate and cyclic polyethylene
terephthalate. The property-modifying additives enhance the existing
manufacturing and use performance of the macrocyclic poly(alkylene
dicarboxylate) oligomers.

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